

ZILKP008NAT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number: 10/070,293  
Filing Date: March 5, 2002  
Applicant(s): Zilka et al.  
Title: Device, System and Method for On-Line Explosive Deslagging  
Group Art Unit: 3749  
Examiner: Jiping Lu

## Information Disclosure Statement and Issue Fee Transmittal

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Attached is a completed substitute form PTO-1449A (1 sheet patent documents), the foreign patent reference cited thereon, and an English-language translation thereof. This is being submitted simultaneously with the payment of the issue fee, and is governed by the provisions of MPEP 609 III(B)(3). Attached also is the issue fee transmittal (part B), and a credit card payment form for \$845, consisting of the \$665 issue fee plus the \$180 fee for submission of an Information Disclosure Statement set forth in 37 CFR 1.17(p).

Pursuant to 37 CFR 1.97(e)(2), I hereby certify and declare that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the statement.

The reference disclosed herein, JP H4-155200A, dated May 28, 1992, merely discloses a cooled explosive tube very similar to those disclosed in US 2,840,365 issued June 24, 1958 and in LU 41977 published August 30, 1962, each of which are already of record in this case and each of which is discussed extensively in the application disclosure. Indeed, if one compares Figures 2 and 3 of JP H4-155200A with the drawings of US 2,840,365 and LU 41977, it is apparent that JP H4-155200A is little more than an attempt to improve on these earlier cooling tubes. JP H4-155200A, similarly to US 2,840,365 and LU 41977, is a fixed-position, non-mobile cooling tube that is "set at a predetermined place." It does not disclose or suggest or motivate applicant's claimed invention for many of the same reasons set forth in applicant's disclosure vis-à-vis US 2,840,365 and LU 41977.

Applicant therefore looks forward to receiving confirmation of the consideration of this reference by examiner Lu, and to the issuance of a patent over this reference soon thereafter.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Very truly yours,

Jay R. Yablon  
Registration # 30604

## CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office Fax Number 703-746-4000 on the transmission date of January 16, 2004, pursuant to 37 CFR 1.8.

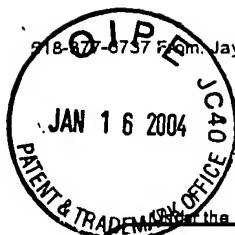
Name of Person signing this certificate: Jay R. Yablon

(signature)

01/20/2004 AWONDAF1 00000130 10070293

01 FC:1806

180.00 OP



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

### Complete if Known

Application Number	10/070,293
Filing Date	March 5, 2002
First Named Inventor	Zilka
Art Unit	3749
Examiner Name	Jiping Lu
Attorney Docket Number	ZILKP008NAT

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		JP H4-155200A	05-28-1992	Chigoku Kako		X

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.